CUSTOMER NO.: 24498 Serial No. 10/049,592

PATENT PD990053

RECEIVED **CENTRAL FAX CENTER**

FEB 0 8 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant

Edgar Wursthorn

Serial No.

10/049,592

Filed

February 13, 2002

For

PHASE DETECTOR FOR A PHASE-LOCKED LOOP

Examiner

Khai Tran

Art Unit

2611

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR 1.97(b) [[]

[within 3 months of filing or prior to 1st Office Action]

Pursuant to 37 CFR 1.97(c) 1] 2

[before Final Office Action or Allowance]

Pursuant to 37 CFR 1.97(d) [X]3

[after Final Office Action or Allowance, but prior to payment of issue fee]

Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The following are submitted in the above-identified application in compliance with 37 CFR 1.97 &

[within 3 months of filing or prior to 1st Office Action]

1.98:

[]5

A list of documents on form PTO/SB08a and/or PTO/SB08b together with copies of each identified document and a translation or a concise explanation of each non-English language document is enclosed herewith.

This paper is submitted in accordance with:

37 CFR 1.97(b):

| []6 | 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and |
|-------------|---|
| | [] (a) The required certification made in item 8(a) below; OR |
| | (b) The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 9 below. |
| X 7 | 37 CFR 1.97(d): [after Final Office Action or Allowance, but prior to payment of issue fee]: and |
| | [] (a) The required certification made in item 8(a) below; AND |
| | [] (b) The \$180.00 fee specified in 37 CFR 1.17(p) for submission of this Information Disclosure Statement is authorized in item 9 below. |

CUSTOMER NO.: 24498 Serial No. 10/049,592

PATENT PD990053

| [] 8 | Certification |
|-------|---------------|

- [] (a) Each item of information contained in this Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; or
- No item of information contained in this Statement was [](b) cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this document after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three (3) months prior to the filing of this Statement.
- Please charge the applicable fees associated with the submittal of this [X]9 Information Disclosure Statement to Deposit Account No. 07-0832. An original and one (1) copy of this document is enclosed.

Respectfully submitted,

Edgar Wursthorn

BY:

remarty, Member Patent Staff Brian J

Registration No. L0027

(609) 734-6804

BJC/link

Enclosures

Thomson Licensing LLC Patent Operations P. O. Box 5312 Princeton, New Jersey 08543-5312

Certificate Of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in a postage-paid envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Signature _

Lori Klewin

IDS Form Ltr. 2 Rev. 02/01/2007

FEB 0 8 2007

PTO/SB/08a (08-03)

Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

to respond to a collection of information unless it contains a valid OMB control number. Under the Paperwork Reduction Act of 1995, no persons are required

Complete If Known Substitute for form 1449A/PTO Application Number 10/049,592 INFORMATION DISCLOSURE February 13, 2002 Filing Date Edgar Wursthorn STATEMENT BY APPLICANT First Named Inventor 2611 Art Unit (Use as many sheets as necessary) Khai Tran Examiner Name PD990053 Attorney Docket Number ol Sheet

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|-------------|--|------------------|--|--|--|
| Fi | Cile No. | Document Number | Publication Unte | Name of Palentee or Applicant of Cited Document | Pages, Columns, Lines, Whare Relevan Passages of Relevant Figures Appear | |
| Examiner Inklals * | | Number - Kind Code ² (If known) | MM-DD-YYYY | | | |
| | AA | US- 5,311.178 | 05-10-1994 | Pan et al. | <u></u> | |
| | | US- | | | <u> </u> | |
| | | US- | | | | |
| | 1 | US- | | <u> </u> | | |
| | | US- | | | | |
| | 1 | US· | _ | <u> </u> | | |
| | | US- | | | | |
| | | US- | | | | |
| | T '' | US- | | | | |
| | T | ŲS- | | <u> </u> | | |
| | | US | | | | |
| | | ບຣ | | | | |
| | | US- | <u></u> | | | |
| | | US- | | | | |
| | | US- | | <u></u> | | |
| | | US- | | | | |
| • | | US- | <u></u> | | | |
| - | | US- | | | | |
| | | US | | | | |
| | | US- | | · | | |

| | | FOREIGN PA | TENT DOCU | MENTS | | |
|-----------------------|--------------------------|---|-----------------------------------|---|--|------------------|
| Examiner Initials* | Cile No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Pateniee or Applicant of Clied Document | Pages, Columns, Lines, Where Relevent Passages or Relevant Figures Appear | . L o |
| | | Country Codo ² - Number ^a - Kind Code ⁶ (if known) | | | | |
| | | | | | | |
| | | | | _ | | - |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| | ** | |
|-----------------------|--------------------|------|
| Examiner Signature | Date Considered | |

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unque citation designation number (optional). See Kinds: Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-luttor code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must praced the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a chack mark here if English language

Transision is allached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Timo will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, chould be sent to the Chief Information Officer, U.S. Paton and Trademark Office, U.S. Department of Commence, P.O. Box 1450. Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450. Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.